



Form PTO-1449 (MODIFIED)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 025098-2802		SERIAL NO. 09/807,355		
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)				APPLICANT Peter B. Dervan				
				FILING DATE 04/10/2001		GROUP ART UNIT 1646		
U.S. PATENT DOCUMENTS								
INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE	
SR ↓	A1	4766142	8-23-98	Arcamone et al.	514	422	-	
	A2	4912199	3-27-90	Lowe et al.	530	331	-	
	A3	5273991	12-28-93	Lee	514	397	-	
	A4	5502068	3-26-96	Lown et al	514	397	-	
	A5	5578444	11-26-96	Edwards et al.	435	6	-	
	A6	5753629	05-19-98	Beria et al	514	18	-	
	A7	5776502	07-07-98	Foulkes et al.	424	617	-	
FOREIGN PATENT DOCUMENTS								
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	
							YES	NO
SR ↓	A13	WO 92/13091	8-6-92	PCT				
	A14	WO 93/13739	7-22-93	PCT				
	A15	WO 94/20463	9-15-94	PCT				
	A16	WO 97/03957	2-6-97	PCT				
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)								
SR ↓	A24	Arcamone, et al., "Synthesis, DNA binding and antiviral activity of distamycin analogues containing different, heterocyclic moieties," Anti-Cancer Drug Design, 1986, Vol. 11, p. 235-244.						
	A25	Arcamone, et al., "Synthesis, DNA-binding properties, and antitumor activity of novel distamycin derivatives," J. Med. Chem., 1989, Vol. 32, p. 774-778.						
	A26	Beran et al., "Tallimustine, an effective antileukemic agent in a severe combined immunodeficient mouse..." Clinical Cancer Research, 1997, Vol. 3, p. 2377-2384.						
	A27	Benz et al., "HER2/Neu and the Ets transcription activator PEA3 are coordinately upregulated in human breast Cancer," Oncogene, 1997, Vol. 15, p. 1513-1525.						
	A28	Bosher et al., "The developmentally regulated transcription factor AP-2 is involved in c-erbB-2 overexpression in human mammary carcinoma," Proc. Nat. Acad. Sci. USA, 1995, Vol. 92, p. 744-747.						
EXAMINER 				DATE CONSIDERED 7/29/04				
* EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include any copy of this form with next communication to applicant.								

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A29	Chang et al., "EXS: a structurally unique Ets overexpressed early during human breast tumorigenesis,"		
	Oncogene, 1997, Vol. 14, p. 1617-1622.		
A30	Cho et al., "Cyclic polyamides for recognition in the minor groove of DNA," Proc. Nat. Acad. Sci. USA, 1995,		
	Vol. 92, p. 10389-10392.		
A31	Ciucci et al., "Backbone and benzoyl mustard carrying moiety modifies DNA interactions of distamycin		
	analogues," Nucleic Acids Research, 1996, Vol. 24, No. 2, p. 311-315.		
A32	Cozzi et al., "Novel phenyl Nitrogen mustard and half-mustard derivatives of distamycin A," Bioorganic and		
	Medicinal Chemistry Letters, 1997, Vol. 7, No. 23, p. 2985-2990.		
A33	Dennison et al., "Small-molecule-based strategies for controlling genes expression," Chemistry & Biology,		
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A34	Ebbinghaus, "Triplex formation inhibits HER-2/neu transcription in vitro," J.Clin.Invest, 1993, Vol. 92,		
	p. 2433-2439.		
A35	Geierstranger et al, "Design of a G-C-Specific DNA Minor Groove-Binding Peptide," Science, 1994, Vol. 266,		
	p. 646-650.		
A36	Gottesfeld et al., "Regulation of gene expression by small molecules," Nature, 1997, Vol. 387, p. 202-205.		
A37	Lown et al., "Novel linked antiviral and antitumor agents related to netropsin and distamycin: Synthesis and		
	biological evaluation," J.Med.Chem., 1989, Vol. 32, p. 2368-2375.		
A38	Mrksich et al., "Antiparallel side-by-side dimeric motif for sequence-specific recognition in the minor groove		
	of DNA..." Proc.Nat.Acad.Sci.USA, 1992, Vol. 89, p. 7586-7590.		
A39	Mrksich et al., "Antiparallel side-by-side dimeric motif for sequence-specific recognition in the minor groove		
	of DNA..." American Chemical Society, 1993, Vol. 115, p. 2572-2576.		
A40	Mrksich et al., "Design of a covalent peptide heterodimer for sequence-specific recognition in the minor groove		
	of double-helical DNA," J.of the American Chemical Society, 1994, Vol. 11, p. 3663-3664.		
A41	Mrkish, et al., "Hairpin Peptide Motif.: A new class of oligopeptides for sequence-specific recognition in the		
	minor groove of double-helical DNA," J. of the Amer.Chem.Society, 1994, Vol. 116, p. 7983-7988.		
A42	Parks et al., Optimization of the hairpin polyamide design for recognition of the minor groove of DNA,"		
	J.Am.Chem.Soc., 1996, Vol. 118, p. 6147-6152.		
A43	Pasleau et al., "Expression of the c-erbB2 gene in the BT474 human mammary tumor cell line: measurement		
	of c-erbB2 mRNA half-life," Oncogene, 1993, Vol. 8, p. 849-854.		

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 SR A vertical line with an arrow pointing down from the SR label.	A44	Pelton et al., "Structural characterization of a 2:1 distamycin A-d(CGCAAATTGGC) complex by two-dimensional NMR," Proc. Nat. Acad. Sci. USA, 1989, vol. 86, p. 5723-5727.	
	A45	Scott et al., "Binding of an ETS-related protein within the Dnase I hypersensitive site of the HER2/neu Promotor in human breast cancer cells," J. of Biological Chemistry, 1994, vol. 269, p. 19848-19858.	
	A46	Tal et al., "Human HER2 (neu) promoter: Evidence for multiple mechanisms for transcriptional initiation," Molecular and Cellular Biology, 1987, Vol. 7, No. 7, p. 2597-2601.	
	A47	Trauger et al., "Extension of sequence specific recognition in the minor groove of DNA by pyrrole-imidazole Polyamides to 9-13 base pairs," J. Am. Chem. Soc., 1996, Vol. 118, p. 6160-6166.	
	A48	Trauger, et al., "Recognition of DNA by designed ligands at subnanomolar concentrations," Nature, 1996, Vol. 382, No. 8, p. 559-561.	
	A49	Wade et al., "Design of peptides that bind in the minor groove of DNA at 5'-(A,T)G(A,T)C(A,T)-3' sequences by a dimeric side-by-side motif," J. of the Amer. Chem. Soc., 1992, vol. 114, p. 8783-8794.	
	A50	White et al., "Recognition of the four Watson-Crick base pairs in the DNA minor groove by synthetic ligands," Nature, 1998, Vol. 391, p. 468-471.	
	A51	White et al., "Effects of the A-T/T-A degeneracy of pyrrole-Imidazole polyamide recognition in the minor groove of DNA," Biochemistry, 1996, Vol. 35, p. 12532-12537.	
	A52	White et al., "On the pairing rules for recognition in the minor groove of DNA by pyrrole-imidazole polyamides," Chemistry & Biology, 1997, Vol. 4, No. 8, p. 569-578.	
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